

**Practice**

1. Estimate to choose the correct quotient for each division question.

Question	Possible Quotients		
a) $4.4 \div 5$	0.88	8.8	88
b) $10.32 \div 6$	0.172	1.72	17.2
c) $87.2 \div 4$	0.218	2.18	21.8

2. Divide. Estimate to place the decimal point.

- a)  $8.235 \div 6$       b)  $12.6 \div 5$       c)  $39.77 \div 2$
- d)  $88.2 \div 5$       e)  $2.367 \div 4$       f)  $4.573 \div 5$

} choose 3

3. Divide. Write each quotient to the same number of decimal places as there are in the dividend.

- a)  $3.05 \div 2$       b)  $\$49.67 \div 6$       c)  $6.1 \div 9$
- d)  $1.189 \div 3$       e)  $24.73 \div 9$       f)  $\$26.53 \div 6$

} choose 3

4. In a snail-racing contest, Noba's snail crawled 1.677 m in 5 min. About how far did the snail travel each minute?

Choose

5. Check each division below. For each incorrect quotient, explain the error, then write the correct quotient.

- a)  $1.44 \div 6 = 0.24$       b)  $\$15.97 \div 5 = \$3.194$
- c)  $4.422 \div 3 = 14.74$       d)  $17.27 \text{ L} \div 3 = 5.756 \text{ L}$

② word problems.

6. Richard divided a 1.954-L bottle of spicy tomato juice equally among 5 glasses. How much juice is in each glass?

7. Marina packed eight 2.54-L bottles of fruit juice for a 3-day camping trip to Beauvais Lake Provincial Park in Alberta. About how many litres of fruit juice does that allow for each day?



8. Three friends rent a movie for \$6.49 and buy a package of popcorn for \$1.82. They share the cost equally. How much should each person pay? Show your work.

**Reflect**

How do you know if a quotient is exact or approximate? Include examples in your explanation.